

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for compressing data sent to a printer, comprising:

generating a first set of image pixels having corresponding printing hints, ~~and~~
adjusting the printing hints to produce a second set of image pixels processed to result in an ~~end-print~~ final image visually substantially equivalent to a ~~printed result using the first set of image pixels~~; an initial image composed of the first set of image pixels;

wherein the printing hints are adjusted by adjusting the printing hints for image pixels that are fully saturated, wherein fully saturated pixels that are adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate that they are edge pixels; and

wherein the adjusted printing hints require less memory space than the original printing hints.
2. (Canceled).
3. (Original) The method according to Claim 2, further comprising:

adjusting printing hints for image pixels that are zero wherein zero pixels that are adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate that they are edge pixels.
4. (Original) The method according to Claim 1, further comprising:

losslessly compressing the adjusted printing hints.
5. (Original) The method according to Claim 1, further comprising:

using run length compression to compress the adjusted printing hints.
6. (Original) The method according to Claim 1, further comprising:

adjusting printing hints for a saturated pixel from a text pixel to edge pixel
when there is no significant change in the end printed result.

7. (Original) The method according to Claim 1, further comprising:
reducing entropy in the printing hints by greater than forty percent.
8. (Currently Amended) A method for compressing data sent to a printer,
comprising:
generating image pixels having corresponding printing hints; ~~and~~
processing saturated pixels with different rendering hints values in a manner to
be indistinguishable to the human ~~eye~~ eye by specifically processing at least one of, a
saturated pixel from a text pixel to an edge pixel and a zero pixel from a background pixel to
an edge pixel, with no significant change in the output image;
wherein the different rendering hints require less memory space than the
original printing hints.

- 9-10. (Canceled).
11. (Original) The method according to Claim 8, further comprising:
compressing the different rendering hint values using run length encoding.
12. (Original) The method according to Claim 8, further comprising:
losslessly compressing the different rendering printing hint.
13. (Currently Amended) A printer comprising:
a contone rendering module for generating a first set of image pixels having
corresponding printing hints for processing saturated pixels thereby producing different
printing hint values, and
an image output terminal for receiving the different printing hint values to
produce a second set of image pixels processed to result in ~~an end print~~ a final image visually

substantially equivalent to ~~a printed result to a first image~~ using the first set of image
~~pixels.pixels;~~

wherein the contone rendering module produces different printing hint values,
wherein fully saturated pixels that are adjacent to pixels with printing hints indicating they are
edge pixels will have their printing hints changed to indicate they are edge pixels; and
the different printing hint values requiring less memory space than the first
printing hints.

14. (Canceled).

15. (Original) The printer according to Claim 13, wherein the contone rendering module produces different printing hint values for image pixels that are zero wherein zero pixels that are adjacent to pixels with printing hints indicating they are edge pixels will have their printing hints changed to indicate that they are edge pixels.

16. (Original) The printer according to Claim 13, wherein the contone rendering module losslessly compresses the different printing hint values.

17. (Original) The printer according to Claim 13, wherein the contone rendering module produces use run length compression to compress the adjusted printing hint values.

18. (Original) The printer according to Claim 13, wherein the contone rendering module adjusts printing hint values for a saturated pixel from a text pixel to edge pixel when there is no significant change in the end printed result.

19. (Original) The printer according to Claim 13, wherein the contone rendering module reduces entropy in the printing hints by greater than forty percent.

20. (Currently Amended) The printer according to Claim 13, wherein the contone rendering module uses more than one compression ~~algorithms.~~ algorithm.